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Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1. (Currently amended) A radiation-curable optical fiber coating composition comprising:
 - (a) a radiation-curable oligomer; and
 - (b) an alkoxyated aliphatic reactive diluent comprising an aliphatic moiety having at least 7 carbon atoms,

wherein said coating composition has a cure speed of less than 0.30 J/cm².
2. (Original) A radiation-curable optical fiber coating composition comprising:
 - (a) a radiation-curable oligomer; and
 - (b) an aliphatic reactive diluent having one radiation-curable functional groups and on average at least two alkoxy moieties
3. (Previously Presented) The coating composition according to claim 1, comprising, relative to the total weight of said coating composition, 1-50 wt% of said aliphatic reactive diluent.
4. (Previously Presented) The coating composition according to claim 1, comprising, relative to the total weight of said coating composition, at least 35 wt% of said radiation-curable oligomer.
5. (Previously Presented) The coating composition according to claim 1, wherein said aliphatic reactive diluent comprises an aliphatic moiety having at most 20 carbon atoms.
6. (Previously Presented) The coating composition according to claim 1, wherein said aliphatic reactive diluent comprises an aliphatic moiety having 8-15 carbon atoms.

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7. (Previously Presented) The coating composition according to claim 1, wherein said aliphatic reactive diluent comprises an acrylate functional group.
8. (Previously Presented) The coating composition according to claim 1, wherein said aliphatic reactive diluent is absent any ring structure.
9. (Previously Presented) The coating composition according to claim 1, further comprising an additional reactive diluent.
10. (Previously Presented) The coating composition according to claim 1, further comprising a silane adhesion promoter.
11. (Previously Presented) The coating composition according to claim 1, further comprising, relative to the total weight of the composition at least 0.6 wt% of gamma-mercaptopropyl trimethoxysilane.
12. (Previously Presented) The coating composition according to claim 1, further comprising a photoinitiator.
13. (Canceled)
14. (Previously Presented) The coating composition according to claim 1, wherein said coating composition has a faster cure speed when compared to a composition that is identical except that said aliphatic reactive diluent in said coating composition has been replaced in the identical composition with an equal weight of a reactive diluent that is identical to said aliphatic reactive diluent except that the identical reactive diluent is not alkoxylated.
15. (Previously Presented) A coated optical fiber comprising a coating obtained by curing the coating composition according to claim 1.

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16. (Original) The fiber of claim 15, wherein said coating is an inner primary coating.
17. (Original) The fiber of claim 16, wherein said coating has a modulus of less than 1.5 MPa.
18. (Original) The fiber of claim 15, wherein said coating is an outer primary coating.
19. (Original) The fiber of claim 18, wherein said coating has a modulus of at least 200 MPa.